

## Features

- DBS Receiver Compatibility: ..... DirecTV®
- Single Line Drops: ..... multiple receivers per drop
- DBS Gain: ..... 2 dB low band, 8 dB high
- Wide Input Window: ..... -58 dBm to -35 dBm
- Internal Diplexer: ..... DBS & CATV (Model D575)
- Made in USA: ..... 100% machine soldered
- High Reliability: ..... Surface Mount Design
- 100% Bench-Tested: ..... HP Analyzer
- Good Return Loss: ..... 12 dB input, 10 dB output

## Description

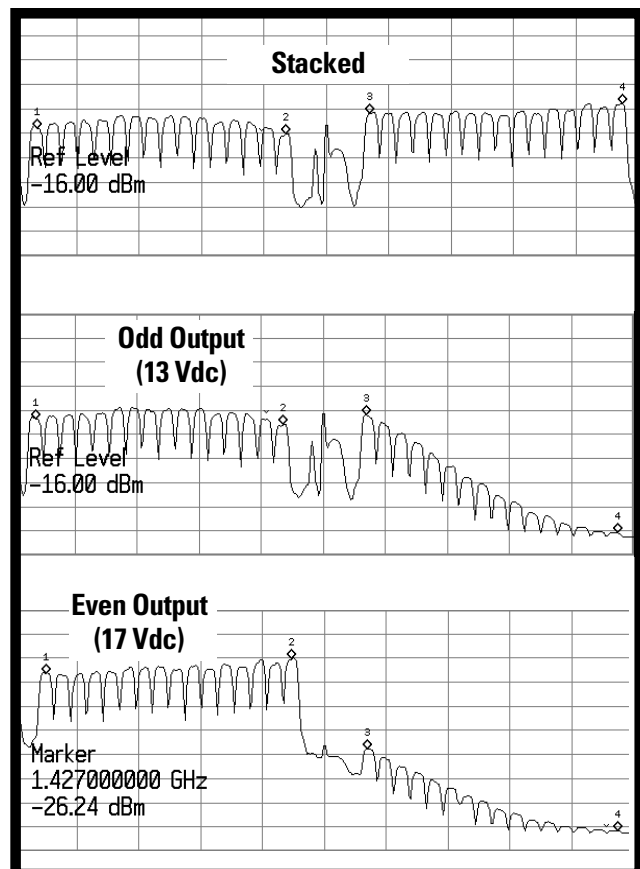
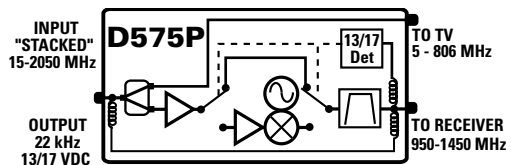
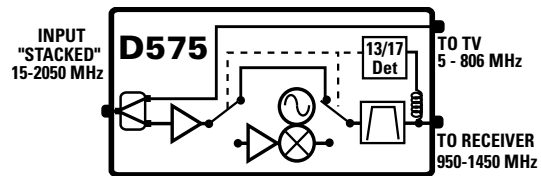
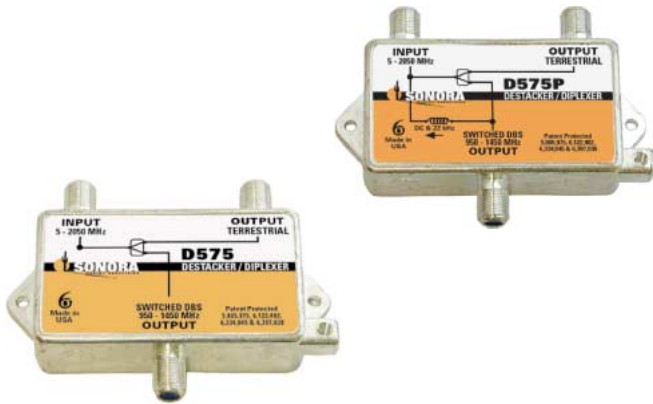
Single line distribution is the combining of both polarities of DBS on a single drop cable. Stacked DBS signals contain the odd polarity from 950 to 1450 MHz and the even polarity from 1525 to 2025 MHz. Models D575 & D575p unstack the even polarity when the DBS receiver outputs 17 volts. Stacked DBS signals may be distributed to multiple receivers within an apartment, each having independent program selection. A D575 is required for each receiver. Model D575 contains a CATV diplexer to route the signals directly to TVs. Model D575p passes DC power & the 22 kHz tone from the receiver to the input to operate model MS34 and MS38 switches.

## Specifications

RF Specifications	Typical	QC Limit
DBS Input Window: .....		-35 to -58 dBm
Band Switch Voltage: .....		> 14.5 Vdc
Passband Gain		
5 -550 MHz (D575) .....	-1 dB	-2 dB
806 MHz (D575) .....	-6 dB	-9 dB
950 -1450 MHz .....	2 dB	±2 dB
1525- 2025 MHz .....	8 dB	±2 dB
Band Flatness		
Any 20 MHz .....		± 0.5 dB
950 to 1450 MHz .....		± 2 dB
Input Return Loss		
5-550 MHz (D575) .....	13 dB	12 dB
750 MHz-806 (D575) .....	8 dB	6 dB
950-2025 MHz .....	12 dB	10 dB
Output Return Loss		
5-806 MHz (D575) .....	13 dB	11 dB
950-1450 MHz .....	10 dB	9 dB
LO Frequency .....	575 MHz	± 30 kHz
2nd Harmonic Rejection ...	1150 MHz	> 51 dBc
Voltage .....	11 to 18 VDC	50 mA
<b>Mechanical Specifications</b>		
Dimensions: .....		3.5" x 2.5" x 0.75"
Weight: .....		0.3 lb (0.1 kg)
Master Carton (44 units): .....		12.5" x 12.5" x 9.5"

6-Sigma reserves the right to modify their designs or specifications without prior notice.(Rev d)

## DBS Dstackers



D575 & D575P